

REMARKS/ARGUMENTS

Various claims are being amended as shown above. No new matter is being added by the amendment to the claims.

In the office action, claims 1-3, 7-8, 16, 24-26, 30-31, 39, and 47-46 were rejected under 35 U.S.C. 102(e) as allegedly being anticipated by Rexford, et al. (U.S. Pat. No. 6,801,502 B1). Applicants respectfully traverse the rejection.

Rexford is directed to a packet switched network 110, where a router initially establishes a static route for packets. If the size or duration of a flow exceeds a threshold (in bytes, packets, or seconds), then the router selects a dynamic route for remaining packets in the flow. Rexford does not disclose the measurement of a value of a plurality of route information in a routing cache, as recited in claim 1, and also does not disclose removing a lowest value route information from the routing cache prior to adding a new route information to the routing cache. Rexford also does not disclose measuring a value based on breadth of use and frequency of use as substantially defined in claim 1. Therefore, Rexford does not provide the efficient routing information removal/addition in a routing cache as performed by the claimed features. Therefore, Rexford does not disclose various features that are recited in claim 1. Accordingly, claim 1 is patentable over Rexford.

Independent claims 24, 47, and 48 are being amended to recite the above similar features that are not disclosed and are not suggested by Rexford. Accordingly, claims 24, 47, and 48 are each patentable over Rexford.

Claims 2-3, 7-8, 16, 25-26, 30-31, and 39 depend from one of claims 1 and 24, and are each patentable over Rexford for at least the same reasons that claims 1 and 24 are patentable over Rexford. Furthermore, each of the claims 2-3, 7-8, 16, 25-26, 30-31, and 39 distinguishes over the Rexford by reciting

additional features in combination with the features that are recited in their respective base claims. Accordingly, claims 2-3, 7-8, 16, 25-26, 30-31, and 39 are each patentable over Rexford.

For the above reasons, Applicants request reconsideration and withdrawal of the rejection under 35 U.S.C. §102.

In the office action, claims 4-6, 9-14, 17-19, 27-29, 32-37, and 40-42 were rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Rexford in view of Bass, et al. (U.S. 6,947,931 B1). Applicants respectfully traverse the rejection.

The Examiner correctly admits in the office action that Rexford fails to disclose various features including a routing cache that comprises a network route cache or a host route cache, the use of the network routing cache is optimized for offloading particular routes into a host route cache, the use of the network routing cache is optimized for storing particular routes, and the use of unique identifiers for recorded data in a profile table, and other noted features. In an attempt to overcome the deficiencies of Rexford, the Examiner relies on Bass in an attempt to show various features.

Bass is directed to an algorithm for a search process in a network processor. However, Bass also does not disclose the efficient routing information removal/addition in a routing cache as performed by the claimed features. Claims 4-6, 9-14, 17-19, 27-29, 32-37, and 40-42 depend from claims 1 and 24, respectively, and are each patentable over the combination Rexford and Bass for at least the same reasons that claims 1 and 24 are patentable over the cited references, considered singly or in combination. Furthermore, each of the claims 44-6, 9-14, 17-19, 27-29, 32-37, and 40-42 distinguishes over the combination of Rexford and Bass by reciting additional features in combination with the recited features in their respective

base claims. Accordingly, claims 4-6, 9-14, 17-19, 27-29, 32-37, and 40-42 are each patentable over the combination of Rexford and Bass.

For the above reasons, Applicants request reconsideration and withdrawal of the rejection under 35 U.S.C. §103.

In the office action, claims 15 and 38 were rejected under 35 U.S.C. 102(e) as allegedly being anticipated by Rexford in view of Bass, and Scoredos, et al. (U.S. 2004/0250127 A1). Applicants respectfully traverse the rejection.

The Examiner correctly admits in the office action that Rexford fails to disclose adding a counter for each hash entry in a profile table, where the counter will be incremented every time the hash entry is written with the same IP address and is reset every time the entry is written with a new IP address. In an attempt to overcome the deficiencies of Rexford, the Examiner relies on Bass and Scoredos in an attempt to show various features.

Scoredos is directed to controlling the connections between network nodes, by limiting the attempted connections based on a limit count for a node. However, Scoredos also does not disclose the efficient routing information removal/addition in a routing cache as performed by the claimed features. Claims 15 and 38 depend from claims 1 and 24, respectively, and are each patentable over the combination Rexford and Bass and Scoredos for at least the same reasons that claims 1 and 24 are patentable over the cited references, considered singly or in combination. Furthermore, each of the claims 15 and 38 distinguishes over the combination of Rexford and Bass and Scoredos by reciting additional features in combination with the recited features in their respective base claims. Accordingly, claims 15 and 38 are each patentable over the combination of Rexford and Bass and Scoredos.

For the above reasons, Applicants request reconsideration and withdrawal of the rejection under 35 U.S.C. §103.

Applicant respectfully requests allowance of all pending claims.

If the undersigned attorney has overlooked a teaching in the cited reference that is relevant to the allowability of the claims, the Examiner is respectfully requested to specifically point out where such teachings may be found.

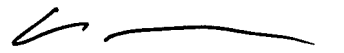
Since the expiration of the 3-month reply period of November 17, 2007 falls on a Saturday, this amendment is being filed by the next business day which is November 19, 2007.

CONTACT INFORMATION

If the Examiner has any questions or needs any additional information, the Examiner is invited to telephone the undersigned attorney at (805)681-5078.

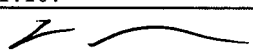
Date: November 19, 2007

Respectfully submitted,
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